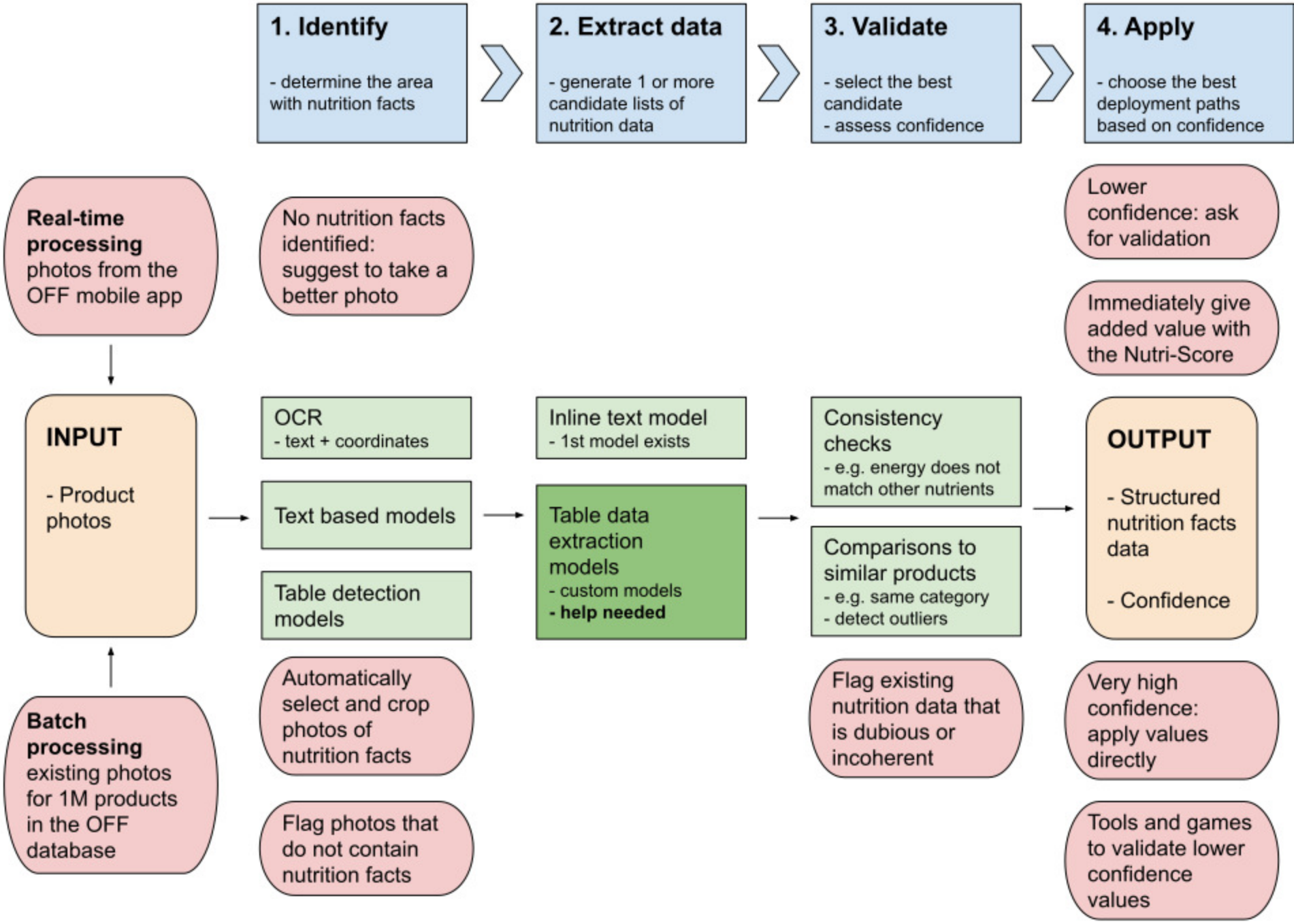
1. Identify
- determine the area with nutrition facts
2. Extract data
- generate 1 or more candidate lists of nutrition data
3. Validate
- select the best candidate
- assess confidence
4. Apply
- choose the best deployment paths based on confidence
Real-time processing photos from the OFF mobile app
Batch processing existing photos for 1M products in the OFF database
INPUT
- Product photos
No nutrition facts identified: suggest to take a better photo
OCR
- text + coordinates
Text based models
Table detection models
Automatically select and crop photos of nutrition facts
Flag photos that do not contain nutrition facts
Inline text model
- 1st model exists
Table data extraction models
- custom models
- help needed
Consistency checks
- e.g. energy does not match other nutrients
Comparisons to similar products
- e.g. same category
- detect outliers
Flag existing nutrition data that is dubious or incoherent
Lower confidence: ask for validation
Immediately give added value with the Nutri-Score
OUTPUT
- Structured nutrition facts data
- Confidence
Very high confidence: apply values directly
Tools and games to validate lower confidence values